

File Act/017/016

MR Form 3
(Revised 1984)

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year 1/83
to Month/Year 12/83

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

OPERATOR: Plateau Resources Limited ~~MINE~~ NAME: Shootaring Canyon Processing Facility

ADDRESS: 772 Horizon Drive, Grand Junction, Colorado 81501

APPROVAL ~~PERMIT~~ NUMBER AND DATE OF ~~PERMIT~~ ACT/017/016 10/29/79

REPRESENTATIVE: Fred W. Gerdeman

SECTION(S): 33 & 34 TOWNSHIP(S): T35S RANGE(S): R11E, SLB&M
3 & 4 T36S R11E, SLB&M

MINERAL(S) MINED: N/A

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: N/A

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: _____

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

DisturbanceAcreage

| | |
|-------------|------------|
| Pit | <u>N/A</u> |
| Roads | <u>N/A</u> |
| Facilities | <u>N/A</u> |
| Waste Dumps | <u>N/A</u> |
| Other | <u>N/A</u> |

(b) Tabulation of acreage affected to date (by years).

Date by YearAcreage (Total

| | |
|------|---------------|
| 1975 | <u>-0-</u> |
| 1976 | <u>-0-</u> |
| 1977 | <u>-0-</u> |
| 1978 | <u>< 5</u> |
| 1979 | <u>15</u> |
| 1980 | <u>*</u> |
| 1981 | <u>-0-</u> |
| 1982 | <u>-0-</u> |
| 1983 | <u>-0-</u> |

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

| Area Affected (in mining sequence) (If more space is needed, please attach.) | Area | | | |
|---|------------|---|---|------|
| | 1 | 2 | 3 | etc. |
| Acreage of Area | <u>N/A</u> | | | |
| Depth of Topsoil Removal (inches) | <u>N/A</u> | | | |
| Depth of Topsoil Replacement (inches)* | <u>N/A</u> | | | |
| Estimate of Topsoil Volume Salvaged (yd ³ or ac ft) | <u>N/A</u> | | | |
| Volume Actually Salvaged (yd ³ or ac ft) | <u>N/A</u> | | | |
| Volume Required for Reclamation (yd ³ or ac ft) | <u>N/A</u> | | | |
| Surplus or Deficit Volume (yd ³ or ac ft) | <u>N/A</u> | | | |
| Storage Status (short- or long-term) | <u>N/A</u> | | | |

*See "Summary of Estimated Reclamation Cost After Final Closure of the Processing Facility" submitted to the Division by cover letter dated July 12, 1979.

Soil Tabulation Chart (continued)

| Area Affected (in mining sequence) | Area | | | |
|---|------|---|-----|------|
| | 1 | 2 | 3 | etc. |
| Storage Location | | | N/A | |
| Area Where Soil Has Been Used (if not stored) | | | N/A | |
| Running Total (all stockpiles) (yd ³ or ac ft) | | | N/A | |
| Short-term | | | N/A | |
| Long-term | | | N/A | |

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

| <u>Area</u> | <u>Date</u> | <u>Acreage</u> |
|-------------|-------------|----------------|
| | N/A | |
| | | |
| | | |
| | | |

(e) Tabulation of quantity of commodity mined.

| | <u>Commodity</u> | <u>Tonnage</u> |
|----------|------------------|----------------|
| (Mined) | N/A | |
| (Milled) | -0- | |

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

- Buildings and support facilities.
N/A

- Roads.

N/A

3. Diversion ditches, collector ditches, interceptor ditches, etc.

N/A

4. Culverts.

N/A

5. Sediment ponds, containment ponds.

N/A

6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).

N/A

7. Topsoil stockpiles.

N/A

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.

N/A

2. Subsidence.

N/A

3. Accidental water discharge, dam failure, etc.

N/A

4. Slumping, sliding or erosion.

N/A

5. Revegetation problem areas.

N/A

6. Existence and location of unsuitable (toxic) overburden.

N/A

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area

Acreage

N/A

2. Topsoiled areas.

Area

Acreage

N/A

3. Seeded areas.

| <u>Area</u> | <u>Acreage</u> |
|-------------|----------------|
| N/A | |
| | |
| | |
| | |

4. Reseeded areas (areas previously seeded, then seeded again).

| <u>Area</u> | <u>Acreage</u> |
|-------------|----------------|
| N/A | |
| | |
| | |
| | |

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

| <u>Year</u> | <u>Acreage</u> |
|-------------|----------------|
| 1975 | -0- |
| 1976 | -0- |
| 1977 | -0- |
| 1978 | -0- |
| 1979 | -0- |
| 1980 | -0- |
| 1981 | ~ 3 |
| 1982 | -0- |
| 1983 | -0- |
| 1984 | -0- |

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.

| |
|-----|
| N/A |
| |
| |
| |

2. Type of seed (species) used for seeding during the report period.

| |
|-----|
| N/A |
| |
| |
| |

3. Date of seeding during the report period.

Spring _____

Fall _____

N/A

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

N/A

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

N/A

6. Type and rate of fertilizer applied.

N/A

7. Type and rate of mulch applied.

N/A

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

N/A

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

Data are unavailable at the time of writing.

10. Soil analysis results.

N/A

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.

Atriplex confertifolia, Oryzopsis hymenoides, Atriplex canescens

2. Types (species) of seed that are not growing successfully.

Chrysothamnus viscidiflorus, Agropyron sibericum, Agropyron spicatum inerme

3. Areas experiencing problems with weeds and weed types.

None

4. Significant erosional problems.

None

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.

N/A

6. Procedures used or proposed to correct these problems.

N/A

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

| <u>Area</u> | <u>Date</u> | <u>Acreage</u> |
|-------------|-------------|----------------|
| | N/A | |
| | | |
| | | |

8. Results of soil analysis.
N/A

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

| | <u>Acres</u> | <u>Cost/Acre</u> |
|------------------------|---------------------------------|------------------|
| | This information is unavailable | |
| 1. Grading | | |
| 2. Backfilling | | |
| 3. Contouring | | |
| 4. Topsoil Replacement | | |
| 5. Seeding | | |
| A. Seedbed Preparation | | |
| B. Mulch | | |
| C. Fertilizer | | |
| D. Seed | | |
| 6. Other | | |

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

| | <u>Amount</u> | <u>Type</u> | <u>Date Posted</u> |
|--------------|------------------|--|--------------------|
| Present Bond | <u>\$792,000</u> | <u>Mined Land</u> <u>Reclamation</u> <u>Contract</u> | <u>10/24/79</u> |

Increased disturbance, if any:

None

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

| <u>Acres</u> | <u>Bond Amount Released</u> | <u>Date</u> |
|--------------|-----------------------------|-------------|
| N/A | | |
| | | |
| | | |
| | | |

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).

PLATEAU RESOURCES LIMITED

1983 SHOOTARING CANYON PROCESSING FACILITY ANNUAL REPORT

Due to continued deteriorating economic conditions in the uranium industry the strategic plans for the operation of the Processing Facility were revised on August 13, 1982 which included the suspension of operations effective in August, 1982. As a result, the plant equipment was cleaned of all uranium ores and solutions containing uranium values with the exception of approximately 9,000 pounds of U_3O_8 concentrate contained in the yellowcake calciner which remained as in-circuit inventory.

Major activities during 1983 included the modification to the plant equipment and minor changes in the process circuit as a result of start-up and operation during 1982. In addition approximately 14,000 gallon of organic solvent in the solvent extraction circuit were sold to Atlas Minerals Company to reduce fire hazard. Approximately 40,000 cubic yards of contaminated equipment and tailings left from an old Hydro Jet mill operation was transferred to the tailings impoundment area at the Processing Facility in an effort to decommission and reclaim that facility.

Presently, 93,000 tons of uranium ore are stockpiled at the Processing Facility and the ore being mined at the Tony M mine is being stockpiled at the mine.

The metallurgical and analytical laboratory at the Processing Facility continued to operate on a reduced scale to provide services to various departments in the company. The maintenance shop was used throughout the year to perform preventative maintenance on road vehicles and surface heavy equipment. Around the clock security and access control was provided by a contracted firm.

APPENDIX I

ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.
2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.
3. Maps must have a title block with:
 - A. Map title.
 - B. Name and address of permittee.
 - C. Permit and amendment numbers.
 - D. Annual report period.
 - E. Scale, north arrow, contour interval, date of photography, etc.
4. All maps must show:
 - A. Legal subdivisions.
 - B. Permit area boundary clearly shown and labelled.
 - C. Amendment areas clearly shown and labelled.
 - D. Contour features.
5. The following features should all be clearly identified:
 - A. Topsoil stockpiles (numbered and with volumes).
 - B. Settling ponds and sediment control structures.
 - C. Haul roads.
 - D. Pits identified by location, name, number, etc.
 - E. Ramps (numbered).
 - F. Out-of-pit spoil dumps.
 - G. All waste disposal sites including, but not limited to:
 1. Landfill sites.
 2. Carbonaceous waste dumps.
 - H. Diversion ditches.
 - I. Monitoring sites.
6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.

